DETD . . . carboxymethyl cellulose, Avicel@RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. . DETD Beclomethasone, preferably at a dosage range of from about 84 to about

336 ug; Fluticasone, preferably at a dosage range of from about 50 to about 400 ug; Budesonide, preferably at a dosage range of. . .

L22 ANSWER 21 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 96:68029 USPATFULL

TITLE:

5-(2-imidazolinylamino)benzimidazole compounds useful

as alpha-2 andrenoceptor agonists

INVENTOR(S):

Cupps, Thomas L., Oxford, OH, United States

Bogdan, Sophie E., Maineville, OH, United States

PATENT ASSIGNEE(S):

The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:

US 5541210 19960730 US 1995-496706

APPLICATION INFO.:

19950629 (8) RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-349558, filed

on 8 Dec 1994, now patented, Pat. No. US 5478858 which is a continuation-in-part of Ser. No. US 1993-169868,

filed on 17 Dec 1993, now abandoned

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER:

Jordan, Kimberly

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS: . 15

Hake, Richard A., Clark, Karen F., Graff, IV, Milton B.

EXEMPLARY CLAIM:

LINE COUNT:

1290

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The subject invention involves compounds having the following structure: ##STR1## wherein: (a) R is unsubstituted C1 -C3 alkanyl or alkenyl;

- (b) R' is selected from hydrogen; unsubstituted C1 -C3 alkanyl or alkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thiol; cyano; and halo; and
- (c) R' is selected from hydrogen, methyl, ethyl and i-propyl.

The subject invention also involves pharmaceutical compositions containing such novel compounds, compositions thereof and the use of such compounds for preventing or treating respiratory, ocular and/or gastrointestinal disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; DETD typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants.

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 ug; Fluticasone, preferably at a dosage range of from about 50 to about 400 ug; Budesonide, preferably at a dosage range of.

≃> log y

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 41.30 135.23

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 23:06:05 ON 10 JUL 2001

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=> fil reg
=> s fluticasone/cn
            1 FLUTICASONE/CN
=> s cetostearyl alcohol/cn
            1 CETOSTEARYL ALCOHOL/CN
L2
=> s isopropyl myristate/cn
            1 ISOPROPYL MYRISTATE/CN
=> s dimethicone/cn
             1 DIMETHICONE/CN
L4
=> s cetomacrogol/cn
            1 CETOMACROGOL/CN
                                                                     O
=> s propylene glycol/cn
L6
            1 PROPYLENE GLYCOL/CN
=> s imidurea
             0 IMIDUREA
             0 IMIDUREA
ь7
=> s methyl paraben/cn
             0 METHYL PARABEN/CN
1.8
=> s imidurea/cn
             0 IMIDUREA/CN
L9
=> s paraben
            18 PARABEN
             1 PARABENS
L10
            18 PARABEN
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=> s propyl paraben/cn
            O PROPYL PARABEN/CN
L11
=> d his
     (FILE 'HOME' ENTERED AT 22:36:21 ON 10 JUL 2001)
     FILE 'REGISTRY' ENTERED AT 22:37:20 ON 10 JUL 2001
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L1
L2
              1 S CETOSTEARYL ALCOHOL/CN
              1 S ISOPROPYL MYRISTATE/CN
L3
              1 S DIMETHICONE/CN
              1 S CETOMACROGOL/CN
L5
              1 S PROPYLENE GLYCOL/CN
L6
L7
              0 S IMIDUREA
              0 S METHYL PARABEN/CN
L8
L9
              0 S IMIDUREA/CN
             18 S PARABEN
L10
L11
              0 S PROPYL PARABEN/CN
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and (15 or cetomacrogol)
            96 L1
           488 FLUTICASONE
           109 L2
           594 CETOSTEARYL
          1900 L3
         39545 ISOPROPYL
             4 ISOPROPYLS
         39546 ISOPROPYL
                  (ISOPROPYL OR ISOPROPYLS)
         20368 MYRISTATE
            68 MYRISTATES
         20406 MYRISTATE
                  (MYRISTATE OR MYRISTATES)
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```
(ISOPROPYL(W)MYRISTATE)
           579 L4
          1237 DIMETHICONE
            12 DIMETHICONES
          1239 DIMETHICONE
                 (DIMETHICONE OR DIMETHICONES)
            60 L5
           198 CETOMACROGOL
             1 CETOMACROGOLS
           198 CETOMACROGOL
                 (CETOMACROGOL OR CETOMACROGOLS)
             1 (L1 OR FLUTICASONE) AND (L2 OR CETOSTEARYL) AND (L3 OR ISOPROPYL
L12
                MYRISTATE) AND (L4 OR DIMETHICONE) AND (L5 OR CETOMACROGOL)
=> d
L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
     2000:290840 CAPLUS
DN
     132:313720
     Fluticasone lotion having improved vasoconstrictor activity
ΤI
     Dow, Gordon J.; Johnson, Keith Arthur; Kelly, Frances Furr; Lathrop,
TN
     Robert William; Rajagopalan, Rukmini
     Glaxo Group Limited, UK
PΑ
     PCT Int. Appl., 28 pp.
so
     CODEN: PIXXD2
תח
     Patent
T.A
     English
FAN.CNT 1
                      KIND DATE
                                            APPLICATION NO. DATE
     PATENT NO.
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     WO 2000024401
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             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9963524 .
                      A1 20000515
                                            AU 1999-63524
                                                             19991020
                             19981022
PRAI GB 1998-23036
                       Α
     WO 1999-GB3472
                        W
                             19991020
RE.CNT 4
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(1) Aktiebolaget, D; EP 0042827 A 1981 CAPLUS
(2) Bleehen, S; BRITISH JOURNAL OF DERMATOLOGY 1995, V133(4), P592 CAPLUS
(3) Glaxo Group Ltd; WO 9214472 A 1992 CAPLUS
(4) Spencer, C; BIODRUGS 1997, V7(4), P318 CAPLUS
=> index bioscience
INDEX 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
       BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
       CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,
       DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, ... 'ENTERED AT 22:43:38 ON 10 JUL 2001
59 FILES IN THE FILE LIST IN STNINDEX
Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.
=> s (11 or fluticasone) and (12 or cetostearyl) and (13 or isopropyl myristate) and (14 or dimethicone)
and (15 or cetomacrogol) and (18 or paraben)
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              FILE CABA
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          0* FILE CEABA-VTB
  16 FILES SEARCHED...
          0* FILE CONFSCI
```

1532 ISOPROPYL MYRISTATE

```
0* FILE CROPB
         O* FILE CROPU
         O* FILE DDFB
         O* FILE DDFU
 22 FILES SEARCHED...
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            FILE DRUGU
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         0* FILE ESBIOBASE
         0*
            FILE FOMAD
         0* FILE FOREGE
         0* FILE FROSTI
 36 FILES SEARCHED...
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         O* FILE HEALSAFE
         O* FILE IFIPAT
         0* FILE KOSMET
         O* FILE LIFESCI
         O* FILE MEDICONF
         0*
            FILE NTIS
         0*
            FILE OCEAN
         0* FILE PASCAL
         O* FILE PHIC
         0*
            FILE PHIN
         0* FILE SCISEARCH
 54 FILES SEARCHED...
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  O FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX
L13 QUE (L1 OR FLUTICASONE) AND (L2 OR CETOSTEARYL) AND (L3 OR ISOPROPYL MYRIS
        TATE) AND (L4 OR DIMETHICONE) AND (L5 OR CETOMACROGOL) AND (L8 OR PARA
=> s (11 or fluticasone) and (14 or dimethicone)
         0* FILE ADISALERTS
         0* FILE AQUASCI
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            FILE CABA
         1* FILE CAPLUS
         O* FILE CEABA-VTB
         0*
             FILE CONFSCI
         0* FILE CROPB
         0* FILE CROPU
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         0*
             FILE DDFU
         0* FILE DGENE
         0* FILE DRUGB
         0* FILE DRUGU
 29 FILES SEARCHED...
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             FILE GENBANK
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         0* FILE KOSMET
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             FILE LIFESCI
         0*
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             FILE NTIS
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         0* FILE PHIC
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             FILE PHIN
         0*
             FILE SCISEARCH
             FILE TOXLIT
         1
             FILE USPATFULL
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4 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX

FILE WPIDS

FILE WPINDEX

1

```
L14 QUE (L1 OR FLUTICASONE) AND (L4 OR DIMETHICONE)
=> s steroid and (dimethicone or 14)
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            FILE ADISALERTS
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            FILE AQUASCI
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         2
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         0* FILE CROPB
         0* FILE CROPU
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         0* FILE DGENE
         0*
             FILE DRUGB
          4*
             FILE DRUGU
         0*
            FILE EMBAL
         2
             FILE EMBASE
         0*
             FILE ESBIOBASE
          0* FILE FOMAD
          n*
            FILE FOREGE
          0*
             FILE FROSTI
         0*
             FILE GENBANK
          0* FILE HEALSAFE
          3*
             FILE IFIPAT
         0*
            FILE KOSMET
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          0* FILE NTIS
          0*
             FILE OCEAN
          1*
             FILE PASCAL
          O* FILE PHIC
          O* FILE PHIN
          6
              FILE PROMT
          1 *
             FILE SCISEARCH
             FILE TOXLINE
              FILE TOXLIT
          1
        134*
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              FILE WPIDS
          6
              FILE WPINDEX
  15 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX
L15 QUE STEROID AND (DIMETHICONE OR L4)
=> d rank
           134* USPATFULL
F1
F2
           17* CAPLUS
               PROMT
F3
            6
F4
             6
               WPIDS
             6 WPINDEX
F5
F6
             4*
                DRUGU
            3*
               IFIPAT
F7
            2 BIOSIS
F8
F9
            2
               EMBASE
F10
                 MEDLINE
             2 'TOXLINE
F11
F12
             1
                 TOXLIT
            1*
F13
                DDFU
             1*
F14
                PASCAL
            1* SCISEARCH
=> s steroid and (12 or cetostearyl) and (13 or isopropyl myristate) and (14 or dimethicone) and (15 or
cetomacrogol)
          0* FILE ADISALERTS
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          0* FILE BIOCOMMERCE
          0* FILE CABA
```

0* FILE CAPLUS

```
0* FILE CEABA-VTB
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             FILE CROPB
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             FILE CROPU
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  21 FILES SEARCHED...
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             FILE EMBAL
             FILE ESBIOBASE
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             FILE FOMAD
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             FILE FOREGE
             FILE FROSTI
          0*
             FILE GENBANK
             FILE HEALSAFE
          0*
             FILE IFIPAT
             FILE KOSMET
          0*
             FILE LIFESCI
          0*
             FILE MEDICONF
  45 FILES SEARCHED...
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          0*
             FILE OCEAN
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             FILE PASCAL
          0* FILE PHIC
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             FILE PHIN
          0*
             FILE SCISEARCH
             FILE USPATFULL
   1 FILES HAVE ONE OR MORE ANSWERS,
                                      59 FILES SEARCHED IN STNINDEX
L16 QUE STEROID AND (L2 OR CETOSTEARYL) AND (L3 OR ISOPROPYL MYRISTATE) AND (L
         4 OR DIMETHICONE) AND (L5 OR CETOMACROGOL)
=> d rank
F1
             1* DRUGU
=> fil f1
COST IN U.S. DOLLARS
                                                 SINCE FILE
                                                      ENTRY
                                                               SESSION
FULL ESTIMATED COST
                                                      5.61
                                                                 61.82
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COPYRIGHT (C) 2001 DERWENT INFORMATION LTD
FILE LAST UPDATED: 06 JUL 2001
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>>> DERWENT DRUG FILE (SUBSCRIBER) <<<
>>> SDI'S MAY BE RUN WEEKLY OR MONTHLY AS OF JUNE 2001. <<<
>>>
     (WEEKLY IS THE DEFAULT). FOR PRICING INFORMATION
                                                          <<<
>>>
    SEE HELP COST
                                                          <<<
>>> FILE COVERS 1983 TO DATE <<<
    THESAURUS AVAILABLE IN /CT <<<
=> s 116
        13460 STEROID
        11998 STEROIDS
        21914 STEROID
                (STEROID OR STEROIDS)
           27 L2
          160 CETOSTEARYL
           90 L3
         2385 ISOPROPYL
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         2385 ISOPROPYL
                 (ISOPROPYL OR ISOPROPYLS)
         2634 MYRISTATE
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          2634 MYRISTATE
                 (MYRISTATE OR MYRISTATES)
          505 ISOPROPYL MYRISTATE
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```
(ISOPROPYL(W)MYRISTATE)
 4 L4
98 DIMETHICONE
 3 DIMETHICONES
100 DIMETHICONE
      (DIMETHICONE OR DIMETHICONES)
15 L5
88 CETOMACROGOL
 1 STEROID AND (L2 OR CETOSTEARYL) AND (L3 OR ISOPROPYL MYRISTATE)
   AND (L4 OR DIMETHICONE) AND (L5 OR CETOMACROGOL)
```

L17 ANSWER 1 OF 1 DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD Full-text

1998-13363 DRUGU TES AN

ΤI The role of clobetasol propionate emollient 0.05 % in the treatment of patients with dry, scaly, corticosteroid-responsive dermatoses.

ΑU Gordon M L

1.17

=> d

LO New York, N.Y., USA

Clin.Ther. (20, No. 1, 26-39, 1998) 1 Fig. 2 Tab. 34 Ref. SO

CODEN: CLTHDG ISSN: 0149-2918
Department of Dermatology, Mount Sinai Medical Center, One Gustave L. ΑV Levy Place, New York, NY 10029-6574, U.S.A.

LA English

DT Journal

AB; LA; CT FA

FS Literature

=> d abs kwic

L17 ANSWER 1 OF 1 DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD

1998-13363 DRUGU T E S AΝ

AB The role of clobetasol propionate emollient 0.05 % in the treatment of patients with dry, scaly, corticosteroid-responsive dermatoses is reviewed. Tolerability and safety are discussed. Recent studies in the use of clobetasol emollient suggest that it is well tolerated and efficacious in courses of up to 4 wk for the treatment of patients with plaque-type psoriasis or atopic dermatitis. Improvements in signs and symptoms may continue for 2 wk after discontinuation of treatment.

ABEX The role of clobetasol propionate emollient 0.05 % in the treatment of patients with dry, scaly, corticosteroid-responsive dermatoses is reviewed. Tolerability and safety are discussed. An emollient added to a steroid, although not itself an active ingredient, can help restore the normal moisturizing process of the skin; this may be particularly important in soothing the discomfort of the dry skin conditions often encountered in moderate-to-severe dermatoses. In addition, the degree of epidermal hydration can affect the penetration of steroids into the skin. Therefore, successful outcomes in the treatment of patients with corticosteroid-responsive dermatoses may involve more than use of an effective topical steroid. Ingredients in clobetasol propionate cream include cetostearyl alcohol, cetomacrogol 1000, isopropyl myristate, propylene glycol, dimethicone 360, citric acid, sodium citrate and imidurea. Recent studies in the use of clobetasol emollient suggest that it is well tolerated and efficacious in courses of up to 4 wk for the treatment of patients with plaque-type psoriasis or atopic dermatitis. Improvements in signs and symptoms may continue for 2 wk after discontinuation of treatment. (LAJ)

ABEX. . . treatment of patients with dry, scaly, corticosteroid-responsive dermatoses is reviewed. Tolerability and safety are discussed. An emollient added to a steroid, although not itself an active ingredient, can help restore the normal moisturizing process of the skin; this may be particularly. . . dry skin conditions often encountered in moderate-to-severe dermatoses. In addition, the degree of epidermal hydration can affect the penetration of steroids into the skin. Therefore, successful outcomes in the treatment of patients with corticosteroid-responsive dermatoses may involve more than use of an $% \left(1\right) =\left(1\right) +\left(1\right$ effective topical steroid. Ingredients in clobetasol propionate cream include cetostearyl alcohol, cetomacrogol 1000, isopropyl myristate, propylene glycol, dimethicone 360, citric acid, sodium citrate and imidurea. Recent studies in the use of clobetasol emollient suggest that it is well.

```
=> index bioscience
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FULL ESTIMATED COST
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                                                                   65.73
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       CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,
       DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, ...' ENTERED AT 22:52:23 ON 10 JUL 2001
59 FILES IN THE FILE LIST IN STNINDEX
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search error messages that display as 0* with SET DETAIL OFF.
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          0* FILE KOSMET
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              FILE LIFESCI
          0* FILE MEDICONF
          0* FILE NTIS
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         CONE) AND (L5 OR CETOMACROGOL)
=> d rank
                USPATFULL
F1
F2
                 WPIDS
F3
             1
                 WPINDEX
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=> fil f1-4

1*

CAPLUS 1* DRUGU

F4

SINCE FILE COST IN U.S. DOLLARS TOTAL ENTRY SESSION FULL ESTIMATED COST 1.02 66.75

FILE 'USPATFULL' ENTERED AT 22:53:43 ON 10 JUL 2001 CA INDEXING COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'WPIDS' ENTERED AT 22:53:43 ON 10 JUL 2001 COPYRIGHT (C) 2001 DERWENT INFORMATION LTD

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'CAPLUS' ENTERED AT 22:53:43 ON 10 JUL 2001 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 118

L19 6 L18

=> dup rem 119

PROCESSING COMPLETED FOR L19

5 DUP REM L19 (1 DUPLICATE REMOVED)

=> d ibib abs kwic tot

L20 ANSWER 1 OF 5 USPATFULL

Full-text

ACCESSION NUMBER: 2001:67163 USPATFULL

TITLE:

Hair styling agents and compositions containing

hydrophobic hair styling polymers

INVENTOR(S): Leet, Julia Elizabeth, Cincinnati, OH, United States PATENT ASSIGNEE(S):

The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE -----PATENT INFORMATION: US 6228352 B1 20010508 APPLICATION INFO.: US 1994-335422 19941107 (8) Continuation of Ser. No. US 1993-156655, filed on 22 RELATED APPLN. INFO.:

Nov 1993, now abandoned Continuation of Ser. No. US 1992-828848, filed on 31 Jan 1992, now abandoned

Continuation of Ser. No. US 1991-712026, filed on 7 Jun

1991, now abandoned

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Page, Thurman K.

ASSISTANT EXAMINER: Ware, T.

LEGAL REPRESENTATIVE: Lewis, Leonard W., Winter, William J.

NUMBER OF CLAIMS: 17 EXEMPLARY CLAIM: 1 LINE COUNT: 1200

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Hair styling agents, and aqueous base hair care compositions containing them, wherein the hair styling agent comprises a water-insoluble hair styling polymer with a volatile, water-insoluble diluent. The water-insoluble hair styling polymer consists essentially of hydrophobic monomer units. These compositions are particularly useful for application to the hair in the form of a rinse-off hair care composition comprising the hair styling agent and an aqueous carrier providing a gel-like rheology.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . Dodecyl Sulfate/Cetyl Alcohol", 28 J. of Colloid and Interface Science 82-91 (1968); Barry, et al., "The Self-Bodying Action of Alkyltrimethylammonium Bromides/Cetostearyl Alcohol Mixed Emulsifiers; Influence of Quaternary Chain Length", 35 J. of Colloid and Interface Science 689-708 (1971); and Barry, et al., "Rheology of Systems Containing Cetomacrogol 1000--Cetostearyl Alcohol, I. Self Bodying Action", 38 J. of Colloid and Interface Science 616-625 (1972).

DETD . et al., issued May 26, 1981; British Specification 1,532,585, published Nov. 15, 1978; and Fukushima, et al., "The Effect of Cetostearyl Alcohol in Cosmetic Emulsions", 98 Cosmetics & Toiletries 89-112 (1983). Fatty esters included among those useful herein are disclosed in. . .

DETD . . carbonate, ethyl palmitate, isooctyl palmitate, methyl ricinoleate, butyl ricinoleate, diisooctyl sebacate, triisobutyl phosphate, isodecy pelargonate, ethyl valerate, isocetyl alcohol, octododecanol, isopropyl myristate, isostearyl alcohol and methyl alkyl silicones having C2 -C20 alkyl and from 1 to about 500 siloxane monomer units.

DETD . . No. 4,265,878, Keil, issued May 5, 1981; and U.S. Pat. No. 4,421,769, Dixon, et al., issued Dec. 20, 1983. Such dimethicone copolyol materials are also disclosed, in hair compositions, in British Patent Application 2,066,659, Abe, published Jul. 15, 1981 (incorporated by reference herein) and Canadian Patent 727,588, Kuehns, issued Feb. 8, 1966 (incorporated by reference herein). Commerically available dimethicone polydimethylsiloxane copolyols which can be used herein, include Silwet Surface Active Copolymers (manufactured by the Union Carbide Corporation); and Dow. .

L20 ANSWER 2 OF 5 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD Full-text

DUPLICATE 1

ACCESSION NUMBER:

2000-350575 [30] WPIDS

DOC. NO. CPI:

C2000-106614

TITLE:

Topical lotion comprising fluticasone, fatty alcohol, skin conditioning agent, propylene glycol, mineral oil or

paraffin, and water, useful for increasing

vasoconstrictor potency and for the treatment of skin

conditions e.g. dermatosis.

DERWENT CLASS:

INVENTOR(S):

DOW, G J; JOHNSON, K A; KELLY, F F; LATHROP, R W;

RAJAGOPALAN, R

PATENT ASSIGNEE(S):

(GLAX) GLAXO GROUP LTD

COUNTRY COUNT:

PATENT INFORMATION:

PATENT NO KIND DATE WEEK LA PG -----WO 2000024401 A1 20000504 (200030) * EN 28

RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

A 20000515 (200039) AU 9963524

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 20000244	•	WO 1999-GB3472	19991020
AU 9963524	A	AU 1999-63524	19991020

FILING DETAILS:

PATENT NO	KIND		PAT	ENT NO
AU 9963524	A Ba	sed on	WO	200024401

PRIORITY APPLN. INFO: GB 1998-23036 19981022

2000-350575 [30] WPIDS

AB WO 200024401 A UPAB: 20000624

NOVELTY - A novel topical lotion comprises (wt.%):

- (a) fluticasone (I) (0.005 1.0) or its salt or ester;
- (b) a 14-20C alcohol (1.0 10);
- (c) at least one skin conditioning agent (1.0 5.0);
- (d) propylene glycol (5.0 15.0);
- (e) mineral oil or white soft paraffin (up to 10); and
- (f) water (q.s.),

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also provided for the preparation of the lotion comprising mixing the components at an elevated temperature and heating or allowing to cool

ACTIVITY - Dermatological; antiinflammatory; antipruritic; vasoconstrictor.

MECHANISM OF ACTION - Corticosteroid antagonist

USE - To increase the vasoconstrictor potency of (I) and its salts, and for treating a skin condition selected from corticosteroid-responsive dermatosis, atopic dermatitis, inflammation, eczema, erythema, papulation, scaling, erosion, oozing, crusting or pruritis (claimed).

ADVANTAGE - Lotion significantly improves organoleptic feel and spreadability of (I) over large area compared to cream containing (I). Improved vasoconstrictor activity compared to cream formulations. Systemically safe. Chemically and physically stable for at least 6 months at 40 deg. C (claimed).

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Dwg.0/0
TECH.
     (I) (0.005 - 1.0) or its salt or ester, preferably fluticasone propionate
     (0.05);
     (b) a 14-20C alcohol (3.0 - 7.0), preferably cetostearyl alcohol (5.0);
     (c) at least one skin conditioning agent (0.5 - 3.0), preferably
     isopropyl myristate (1.0);
     (d) at least 1 surfactant (0.25 - 2.0), preferably cetomacrogol (1.0);
     (e) propylene glycol (7.0 - 12.0; preferably 10.0);
     (f) mineral oil or white soft paraffin (up to 10.0);
     (g) dimethicone (less than 5.0; preferably 1.0) and
     (h) water (q.s.),
     The lotion has a viscosity of 2000 - 17000 (preferably 3000. . .
L20 ANSWER 3 OF 5 USPATFULL
Full-text
ACCESSION NUMBER:
                        1999:58922 USPATFULL
TITLE:
                        Topical preparation containing a suspension of solid
                        lipid particles
INVENTOR(S):
                        De Vringer, Tom, Zoetermeer, Netherlands
PATENT ASSIGNEE(S):
                        Yamanouchi Europe B.V., Netherlands (non-U.S.
                        corporation)
                             NUMBER
                                          KIND
                                                  DATE
                        -----
PATENT INFORMATION:
                        US 5904932
                                               19990518
APPLICATION INFO.:
                        US 1995-473121
                                               19950607 (8)
RELATED APPLN. INFO.:
                        Continuation of Ser. No. US 1993-131480, filed on 4 Oct
                        1993, now abandoned which is a continuation of Ser. No.
                        US 1992-857467, filed on 25 Mar 1992, now abandoned
                               NUMBER
                                            DATE
PRIORITY INFORMATION:
                        EP 1991-200664 19910325
DOCUMENT TYPE:
                        Utility
PRIMARY EXAMINER:
                        Gardner-Lane, Sally
LEGAL REPRESENTATIVE:
                        McDonnell Boehnen Hulbert & Berghoff
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                        3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT:
                        814
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       An aqueous suspension of solid lipoid nanoparticles, comprising at least
       one lipid and preferably also at least one emulsifier, for topical
       application to the body, is provided. The solid lipoid nanoparticles
       have a mean particle size of between 50-1000 nm and their concentration
       is between 0.01-60 wt %, by weight of the suspension. Also topical
       preparations, comprising said suspension of solid lipoid nanoparticles,
       are provided. A medicament can be incorporated into the continuous phase
       of the suspension or in a vehicle, which is added to said suspension.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
DETD
      higher saturated alcohols, in particular the aliphatic alcohols having
       14-30 carbon atoms, such as cetostearyl alcohol;
DETD
      non-ionic emulsifiers, such as polyoxyethylene sorbitan fatty acid
       esters (e.g. TWEEN 20®), polyoxyethylene alkyl ethers (e.g. BRIJ
       97® and CETOMACROGOL 1000®), polyoxyethylene fatty acid esters
       (e.g. MYRJ 52®), sorbitan esters (e.g. SPAN 80®), sucrose esters
       (e.g. WASAG ESTER 7®);
DETD
       esters, such as isopropyl myristate;
DETD
       300 g of solid paraffin, melting point range 54-57^{\circ} C., was
       heated at 80° C. 50 g of CETOMACROGOL 1000® (HLB=16.1) was
       dissolved in 650 ml of water at 80° C. The lipid phase was added
       to the aqueous.
DETD
       300 g of solid paraffin, melting point range 54-57° C., was
       heated at 80° C. 50 g of CETOMACROGOL 1000® was dissolved
       in 650 ml of water at 80° C. The lipid phase was added to the
       aqueous phase.
DETD
       52 g of petrolatum, 72 g of cetostearyl alcohol, 88.8 g of propylene
       glycol and 0.8 g of methyl-p-hydroxybenzoate (NIPAGIN M®) were
       heated together at 70° C. 16 g of CETOMACROGOL 1000® were
       dissolved in 176 g of water.at 70° C. Both phases were mixed
       together, concurrently using a stirrer.
       26 g of cetostearyl alcohol heated to 70° C. and 4 g of
DETD
       CETOMACROGOL 10000 dissolved in 50 g of water at 70^{\circ} C.
```

Both phases were mixed together, concurrently using a stirrer at. At 30° C. 25 g of isopropylstearate, 54 g of octamethylcyclotetrasiloxane and 6 g of cetyl dimethicone copolymer were mixed using a stirrer at 300 R.P.M. A clear liquid oily mixture was obtained. 41.2 g of cetostearyl alcohol, 18.5 g of isopropyl myristate and DETD . 19.6 g of octamethylcyclotetrasiloxane were heated together at 55° C. 10.3 g of CETOMACROGOL 10000, 2.4 g of citric acid (1 aq) and 2.3 q of trisodium citrate, were dissolved in 165.6 g of. . DETD 6 g of cetyl dimethicone copolyol, 30 g of isopropyl myristate and 50 g of octamethylcyclotetrasiloxane were heated together at 30° C. To the dispersion of 1.2., 5 g of NIPAGIN. . . . B® and 10 g of NIPAGIN P® were added. 100 g of the DETD preserved dispersion of 1.2., 6 g of isopropyl myristate, 1.8 g of citric acid (1 aq), 8.2 g of a 10 wt % solution of sodiumhydroxide and a solution. . L20 ANSWER 4 OF 5 USPATFULL Full-text ACCESSION NUMBER: 1998:54471 USPATFULL Hair care compositions having styling/conditioning TITLE: agent and plasticizer INVENTOR(S): Leitch, Steven Hilary, Maineville, OH, United States Bartz, Lisa Jo, Cincinnati, OH, United States Fish, Kathleen Brown, Cincinnati, OH, United States The Procter & Gamble Company, Cincinnati, OH, United PATENT ASSIGNEE(S): States (U.S. corporation) NUMBER KIND DATE PATENT INFORMATION: US 5753216 19980519 APPLICATION INFO.: US 1994-203723 19940228 (8) Continuation of Ser. No. US 1993-26144, filed on 2 Mar RELATED APPLN. INFO.: 1993, now abandoned which is a continuation of Ser. No. US 1991-671578, filed on 19 Mar 1991, now abandoned DOCUMENT TYPE: Utility PRIMARY EXAMINER: Venkat, Jyothsan LEGAL REPRESENTATIVE: Lewis, Leonard W., Rosnell, Tara M., Henderson, Loretta J. NUMBER OF CLAIMS: 22 EXEMPLARY CLAIM: 1 LINE COUNT: 1975 CAS INDEXING IS AVAILABLE FOR THIS PATENT. Disclosed are hair care compositions containing a hair AB styling/conditioning copolymer solubilized or dispersed in a volatile silicone fluid, wherein the copolymer-volatile silicone fluid solution further comprises a nonvolatile plasticizer. CAS INDEXING IS AVAILABLE FOR THIS PATENT. . . . carbonate, ethyl palmitate, isooctyl palmitate, methyl ricinoleate, butyl ricinoleate, diisooctyl sebacate, triisobutyl phosphate, isodecy pelargonate, ethyl valerate, isocetyl alcohol, octododecanol, isopropyl myristate, isostearyl alcohol and methyl alkyl silicones having C2 -C20 alkyl and from 1 to about 500 siloxane monomer units. SUMM No. 4,265,878, Keil, issued May 5, 1981; and U.S. Pat No. 4,421,769, Dixon, et al., issued Dec. 20, 1983. Such dimethicone copolyol materials are also disclosed, in hair compositions, in British Patent Application 2,066,659, Abe, published Jul. 15, 1981 (incorporated by reference herein) and Canadian Patent 727,588, Kuehns, issued Feb. 8, 1966 (incorporated by reference herein). Commerically available dimethicone polydimethyl-siloxane copolyols which can be used herein, include Silwet Surface Active Copolymers (manufactured by the Union Carbide Corporation); and Dow. SUMM . . Dodecyl Sulfate/Cetyl Alcohol", 28 J. of Colloid and Interface Science 82-91 (1968); Barry, et al., "The Self-Bodying Action of Alkyltrimethylammonium Bromides/Cetostearyl Alcohol Mixed Emulsifiers; Influence of Quaternary Chain Length", 35 J. of Colloid and Interface Science 689-708 (1971); and Barry, et al., "Rheology of Systems Containing Cetomacrogol 1000-Cetostearyl Alcohol, I. Self Bodying Action", 38 J. of Colloid and Interface Science 616-625 (1972). SUMM . . et al., issued May 26, 1981; British Specification 1,532,585, published Nov. 15, 1978; and Fukushima, et al., "The Effect of

Cetostearyl Alcohol in Cosmetic Emulsions", 98 Cosmetics & Toiletries

89-112 (1983). Fatty esters included among those useful herein are disclosed in. . . . Plus CS Grade D-671 DETD 0.70 0.37 Glydant Perfume 0.02 q.s. to 100% Water Silicone Gum Premix G.E. SE 762 0.50 Octamethyl Cyclotetrasiloxane 3.00 Styling Polymer Premix Styling Polymer3 3.00 Dimethicone copolyol4 Phenyl Pentamethyl Disiloxane 9.00 Hydroxypropyl Pentamethyl Disiloxane 6.00 1 Hydrophobically modified hydroxyethylcellulose available from 2 Silicone Gum available from General. . . What is claimed is: . carbonate, ethyl palmitate, isooctyl palmitate, methyl ricinoleate, butyl ricinoleate, diisooctyl sebacate, triisobutyl phosphate, isodecy pelargonate, ethyl valerate, isocetyl alcohol, octododecanol, isopropyl myristate, isostearyl alcohol, silicone copolyols, methyl alkyl silicones having C2 -C20 alkyl and from 1 to about 500siloxane monomer units,. . carbonate, ethyl palmitate, isooctyl palmitate, methyl ricinoleate, butyl ricinoleate, diisooctyl sebacate, triisobutyl phosphate, isodecy pelargonate, ethyl valerate, isocetyl alcohol, octododecanol, isopropyl myristate, isostearyl alcohol, silicone copolyols, methyl alkyl silicones having C2 -C20 alkyl and from 1 to about 500 siloxane monomer units,. . . L20 ANSWER 5 OF 5 USPATFULL Full-text ACCESSION NUMBER: 97:83632 USPATFULL Topical preparation containing a suspension of solid TITLE: lipid particles De Vringer, Tom, Zoetermeer, Netherlands INVENTOR(S): PATENT ASSIGNEE(S): Yamanouchi Europe B.V., Netherlands (non-U.S.

corporation)

NUMBER KIND DATE

PATENT INFORMATION: APPLICATION INFO.:

US 5667800 19970916 US 1995-467212 19950606 (8)

RELATED APPLN. INFO.:

Division of Ser. No. US 1993-131480, filed on 4 Oct 1993, now abandoned And a continuation of Ser. No. US

1992-857467, filed on 25 Mar 1992, now abandoned

NUMBER DATE

PRIORITY INFORMATION:

EP 1995-91200664 19950325

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER: Kulkos

Kulkosky, Peter F.

LEGAL REPRESENTATIVE:

McDonnell Boehnen Hulbert & Berghoff

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

3 Drawing Figure(s); 3 Drawing Page(s)

LINE COUNT: 785

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous suspension of solid lipoid nanoparticles, comprising at least one lipid and preferably also at least one emulsifier, for topical application to the body, is provided. The solid lipoid nanoparticles have a mean particle size of between 50-1000 nm and their concentration is between 0.01-60 wt %, by weight of the suspension. Also topical preparations, comprising said suspension of solid lipoid nanoparticles, are provided. A medicament can be incorporated into the continuous phase of the suspension or in a vehicle, which is added to said suspension.

The invention further provides manufacturing methods for the aqueous

suspension of solid lipoid nanoparticles as well as for preparations comprising such suspension.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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higher saturated alcohols, in particular the aliphatic alcohols having 14-30 carbon atoms, such as cetostearyl alcohol;

DETD non-ionic emulsifiers, such as polyoxyethylene sorbitan fatty acid esters (e.g. TWEEN 200), polyoxyethylene alkyl ethers (e.g. BRIJ 97® and CETOMACROGOL 1000®), polyoxyethylene fatty acid esters (e.g. MYRJ 52 $\$), sorbitan esters (e.g. SPAN 80 $\$), sucrose esters (e.g. WASAG ESTER 7®);

DETD esters, such as isopropyl myristate;

DETD 300 g of solid paraffin, melting point range $54^{\circ}-57^{\circ}$ C., was heated at 80° C. 50 g of CETOMACROGOL 1000® (HLB=16.1) was dissolved in 650 ml of water at 80° C. The lipid phase was added to the aqueous.

DETD 300 g of solid paraffin, melting point range 54°-57° C., was heated at 80° C. 50 g of CETOMACROGOL 1000® was dissolved in 650 ml of water at 80° C. The lipid phase was added to the aqueous phase.

DETD 52 g of petrolatum, 72 g of cetostearyl alcohol, 88.8 g of propylene glycol and 0.8 g of methyl-p-hydroxybenzoate (NIPAGIN M®) were heated together at 70° C. 16 g of CETOMACROGOL 1000@ were dissolved in 176 g of water at 70° C. Both phases were mixed together, concurrently using a stirrer.

26 g of cetostearyl alcohol heated to 70° C. and 4 g of DETD CETOMACROGOL 1000® dissolved in 50 g of water at 70° C. Both phases were mixed together, concurrently using a stirrer at. . . .

DETD At 30° C. 25 g of isopropylstearate, 54 g of octamethylcyclotetrasiloxane and 6 g of cetyl dimethicone copolymer were mixed using a stirrer at 300 R.P.M. A clear liquid oily mixture was obtained.

DETD 41.2 g of cetostearyl alcohol, 18.5 g of isopropyl myristate and 19.6 g of octamethylcyclotetrasiloxane were heated together at 55° C. 10.3 g of CETOMACROGOL 1000®, 2.4 g of citric acid (1 aq) and 2.3 g of trisodium citrate, were dissolved in 165.6 g of. .

DETD 6 g of cetyl dimethicone copolyol, 30 g of isopropyl myristate and 50 g of octamethylcyclotetrasiloxane were heated together at 30° C. To the dispersion of 1.2., 5 g of NIPAGIN.

DETD . . . B® and 10 g of NIPAGIN P® were added. 100 g of the preserved dispersion of 1.2., 6 g of isopropyl myristate, 1.8 g of citric acid (1 aq), 8.2 g of a 10 wt % solution of sodiumhydroxide and a solution. . .

=> index bioscience FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 23.10 89.85

FULL ESTIMATED COST

INDEX 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, ... 'ENTERED AT 22:57:00 ON 10 JUL 2001

59 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

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- 0* FILE CAPLUS
- 0* FILE CEABA-VTB
- 0* FILE CONFSCI
- 0* FILE CROPB
- 0* FILE CROPU
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 - 0* FILE DDFU

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            FILE HEALSAFE
         0* FILE IFIPAT
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            FILE OCEAN
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             FILE PASCAL
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            FILE PHIN
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            FILE SCISEARCH
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            FILE USPATFULL
         O* FILE WPINDEX
   1 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX
L21 QUE (L1 OR FLUTICASONE) AND (L8 OR PARABEN)
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F1
           21* USPATFULL
=> s 121
         0* FILE ADISALERTS
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         0* FILE BIOCOMMERCE
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=> s 121
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          207 FLUTICASONE
            O METHYL PARABEN/CN '
         5057 PARABEN
         4142 PARABENS
         8472 PARABEN
                (PARABEN OR PARABENS)
           21 (L1 OR FLUTICASONE) AND (L8 OR PARABEN)
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L22 ANSWER 1 OF 21 USPATFULL
Full-text
ACCESSION NUMBER:
                       2001:90260 USPATFULL
TITLE:
                       Fatty acid-pharmaceutical agent conjugates
INVENTOR(S):
                       Webb, Nigel L., Bryn Mawr, PA, United States
                       Bradley, Matthews O., Laytonsville, MD, United States
                       Swindell, Charles S., Merion, PA, United States
                       Shashoua, Victor E., Brookline, MA, United States
                           NUMBER
                                        KIND DATE
                       -----
                                       A1 20010531
A1 20001205 (9)
                       US 2001002404
PATENT INFORMATION:
APPLICATION INFO.:
                       US 2000-730450
RELATED APPLN. INFO.:
                       Continuation of Ser. No. US 1996-651428, filed on 22
                       May 1996, ABANDONED
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FILE DRUGB

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DOCUMENT TYPE: Utility

LEGAL REPRESENTATIVE: Edward R. Gates, Wolf, Greenfield & Sacks, P.C., 600

Atlantic Avenue, Boston, MA, 02210

NUMBER OF CLAIMS: 12 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 14 Drawing Page(s)

LINE COUNT: 2511

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The invention provides conjugates of fatty acids and pharmaceutical agents useful in treating noncentral nervous system conditions. Methods for selectively targeting pharmaceutical agents to desired tissues are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . Fendosal; Fenpipalone; Fentiazac; Flazalone; Fluazacort; Flufenamic Acid; Flumizole; Flumisolide Acetate; Flumixin; Flumixin Meglumine; Fluocortin Butyl; Fluorometholone Acetate; Fluquazone; Flurbiprofen; Fluretofen; Fluticasone Propionate; Furaprofen; Furobufen; Halcinonide; Halobetasol Propionate; Halopredone Acetate; Ibufenac; Ibuprofen; Ibuprofen Aluminum; Ibuprofen Piconol; Ilonidap; Indomethacin; Indomethacin Sodium; Indoprofen; Indoxole; . .

DETD flosatidil; fluasterone; fluconazole; fludarabine; flumazenil; flumecinol; flumequine; flunarizine; fluocalcitriol; fluorodaunorunicin hydrochloride; fluoxetine, R-; fluoxetine, S-; fluparoxan; flupirtine; flurbiprofen axetil; flurithromycin; fluticasone propionate; flutrimazole; fluvastatin; fluvoxamine; forasartan; forfenimex; formestane; formoterol; formoterol, R,R-; fosfomycin; trometamol; fosinopril; fosphenytoin; fostriecin; fotemustine; gabapentin; gadobenic acid; gadobutrol;. . .

DETD [0297] Suitable preservatives include benzalkonium chloride (0.003-0.03% W/V); chlorobutanol (0.3-0.9% W/V); parabens (0.01-0.25% W/V) and thimerosal (0.004-0.02% W/V).

L22 ANSWER 2 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 2001:88210 USPATFULL

TITLE:

Guanidinyl heterocycle compounds useful as alpha-2

adrenoceptor agonists

INVENTOR(S):

Cupps, Thomas Lee, Norwich, NY, United States Bogdan, Sophie Eva, Maineville, OH, United States Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Seibel, William Lee, Hamilton, OH, United States Ares, Jeffrey Joseph, Hamilton, OH, United States

NUMBER KIND DATE -----US 2001000345 A1 20010419 US 2000-727900 A1 20001201 (9)

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

Division of Ser. No. US 1999-308788, filed on 9 Aug

1999, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1996-32023 19961125 (60)

DOCUMENT TYPE:

Utility

LEGAL REPRESENTATIVE:

JAMES C. KELLERMAN, THE PROCTER & GAMBLE COMPANY, HEALTH CARE RESEARCH CENTER, 8700 MASON-MONTGOMERY

ROAD, MASON, OH, 45040

NUMBER OF CLAIMS: 44 EXEMPLARY CLAIM: 1 LINE COUNT: 2466

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention involves compounds having the following structure:

as described in the Claims; and enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, as well as pharmaceutical compositions comprising such novel compounds. The invention also relates to the use of such compounds for preventing or treating disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . cellulose, Avicel® RC-591, tragacanth and sodium alginate;

typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. . .

DETD 193. Beclomethasone, preferably at a dosage range of from about 84 to about 336 µg; Fluticasone, preferably at a dosage range of from about 50 to about 400 µg; Budesonide, preferably at a dosage range

DETD . . Subject Compound 5 10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

DETD . . . Subject Compound 1 10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben .

L22 ANSWER 3 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 2001:82296 USPATFULL

TITLE: Aqueous compositions containing corticosteroids for

nasal and pulmonary delivery

INVENTOR(S): Saidi, Zahir, Philadelphia, PA, United States

Klyashchitsky, Boris, Newark, DE, United States Elan Corporation plc, Dublin, Israel (non-U.S.

PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE

US 6241969 B1 20010605 PATENT INFORMATION: APPLICATION INFO.: US 1998-105838 19980626 (9)

DOCUMENT TYPE: Utility PRIMARY EXAMINER: Moezie, T.

LEGAL REPRESENTATIVE: Synnestvedt & Lechner LLP

NUMBER OF CLAIMS: 29 EXEMPLARY CLAIM: 1 LINE COUNT: 849

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention provides compositions containing corticosteroid compounds as active agents for the treatment of ailments and diseases of the respiratory tract, particularly the lungs, by way of nasal and pulmonary administration. The corticosteroid compounds are present in a dissolved state in the compositions. The compositions can be formulated in a concentrated, essentially non-aqueous form for storage or in a diluted, aqueous-based form for ready delivery. In a preferred embodiment, the corticosteroid composition contains an ethoxylated derivative of vitamin E and/or a polyethylene glycol fatty acid ester as the high-HLB surfactant present in the formulation. The compositions are ideally suited for inhaled delivery with a nebulizer or for nasal. delivery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . budesonide, cloprednol, cortisone, cortivazol, deoxycortone, desonide, desoximetasone, dexamethasone, difluorocortolone, fluclorolone, flumethasone, flunisolide, fluocinolone, fluocinonide, fluocortin butyl, fluorocortisone, fluorocortolone, fluorometholone, flurandrenolone, fluticasone, halcinonide, hydrocortisone, icomethasone, meprednisone, methylprednisolone, mometasone, paramethasone, prednisolone, prednisone, tixocortol, triamcinolone, and others, and their respective pharmaceutically acceptable derivatives, such as beclomethasone diproprionate, dexamethasone 21-isonicotinate, fluticasone propionate, icomethasone enbutate, tixocortol 21-pivalate, triamcinolone acetonide, and others. Fortunately, some of these synthetic steroids have low potentials for systemic.

DETD . . . budesonide, cloprednol, cortisone, cortivazol, deoxycortone,

desonide, desoximetasone, dexamethasone, difluorocortolone, fluclorolone, flumethasone, flunisolide, fluocinolone, fluocinonide, fluocortin butyl, fluorocortisone, fluorocortolone, fluorometholone, flurandrenolone, fluticasone, halcinonide, hydrocortisone, icomethasone, meprednisone, methylprednisolone, paramethasone, prednisolone, prednisone, tixocortol, triamcinolone, and their respective pharmaceutically acceptable derivatives, such as beclomethasone diproprionate, dexamethasone 21-isonicotinate, fluticasone propionate, icomethasone enbutate, tixocortol 21-pivalate, and triamcinolone acetonide. Particularly preferred are compounds such as beclomethasone diproprionate, budesonide, flunisolide, fluticasone propionate, mometasone and triamcinolone acetonide.

DETD

. . growth in the composition for a storage period of at least six months. Examples of pharmaceutically acceptable preservatives include the parabens, benzalkonium chloride, thimerosal, chlorobutanol, phenylethyl alcohol, benzyl alcohol, and potassium sorbate.

DETD

. . . composition is prepared as described above. The corticosteroid for such treatment is preferably either beclomethasone dipropionate, betamethasone, budesonide, dexamethasone, flunisolide, fluticasone propionate, or triamcinolone acetonide, and is formulated in the concentrations set forth above. The daily dose of the corticosteroid is.

CLM

What is claimed is:

5. The composition of claim 1 wherein the corticosteroid comprises fluticasone propionate.

L22 ANSWER 4 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

2001:63708 USPATFULL

TITLE:

Guanidinyl heterocycle compounds useful as alpha-2

adrenoceptor agonists

INVENTOR(S):

Cupps, Thomas Lee, Norwich, NY, United States Bogdan, Sophie Eva, Maineville, OH, United States Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Seibel, William Lee, Hamilton, OH, United States Ares, Jeffrey Joseph, Hamilton, OH, United States

PATENT ASSIGNEE(S):

The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE B1 20010501 PATENT INFORMATION: US 6225331 WO 9823596 19980406 US 1999-308788 APPLICATION INFO.: 19990809 (9) WO 1997-US20802 19971121

> 19990809 PCT 371 date 19990809 PCT 102(e) date

NUMBER DATE

PRIORITY INFORMATION:

US 1996-32023 19961125 (60)

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: LEGAL REPRESENTATIVE:

Seaman, D. Margaret Kellerman, James C.

NUMBER OF CLAIMS: 40 EXEMPLARY CLAIM: 1 LINE COUNT: 2381

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

This invention involves compounds having the following structure:

##STR1##

as described in the claims; and enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, as well as pharmaceutical compositions comprising such novel compounds. The invention also relates to the use of such compounds for preventing or treating disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as

sweeteners, flavoring agents and colorants. . DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 μg ; Fluticasone, preferably at a dosage range of from about 50 to about 400 µg; Budesonide, preferably at a dosage range of. . . . 10 mg/ml carrier DETD Carrier: Sodium citrate buffer with (percent by weight of carrier): Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011 DETD . . . 10 mg/ml carrier Carrier: Sodium citrate buffer with (percent by weight of carrier): Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

L22 ANSWER 5 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 2001:29139 USPATFULL

TITLE: Tocopherol compositions for delivery of biologically

active agents

INVENTOR(S): Sonne, Mette Rydahl, Br.o slashed.ndby Strand, Denmark

PATENT ASSIGNEE(S): A/S Dumex (Dumex Ltd), Copenhagen, Denmark (non-U.S.

corporation)

NUMBER KIND DATE US 6193985 B1 20010227 PATENT INFORMATION: APPLICATION INFO.: US 1997-856054 19970514 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-441759, filed on 16

May 1995, now abandoned

NUMBER PRIORITY INFORMATION: GB 1994-9778 19940516 DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Mullis, Jeffrey C.

LEGAL REPRESENTATIVE: Watov & Kipnes, P.C., Kipnes, Allen R. NUMBER OF CLAIMS: 30

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)

LINE COUNT: 958

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention provides the use of a tocopherol or a derivative thereof as a solvent and/or emulsifier for substantially insoluble and sparingly soluble biologically active agents, especially in the manufacture of pharmaceutical compositions. Such compositions are particularly suitable for transmucosal, and especially intranasal or rectal administration, or administration via the oral cavity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Corticosteroids such as cortisone, hydrocortisone, prednolone, prednisolone, triamcinolone acetonide, dexamethasone, flunisolide, budesonide, toxicorole pivalate, betametasone, beclomethasone dipropionate, fluticasone etc;

SUMM . . . shelf-life it may be desirable to include preservatives such as benzalkonium chloride, sodium edetate, sorbic acid, potassium sorbate, phenoxyethanol, phenetanol, parabens or others known in the art. Addition of odour- or taste-masking compounds can also be desirable.

L22 ANSWER 6 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 2001:4769 USPATFULL

TITLE: Guanidinylamino heterocycle compounds useful as alpha-2

adrenoceptor agonists

INVENTOR(S): Cupps, Thomas Lee, Norwich, NY, United States

Bogdan, Sophie Eva, Maineville, OH, United States Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Seibel, William Lee, Hamilton, OH, United States Ares, Jeffrey Joseph, Hamilton, OH, United States The Procter & Gamble Company, Cincinnati, OH, United

PATENT ASSIGNEE(S): The Procter & Gamble Comp States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6172095 B1 20010109
WO 9823591 19980604

APPLICATION INFO.: US 1999-308790 19990809 (9)
WO 1997-US20550 19971121

19990809 PCT 371 date 19990809 PCT 102(e) date

NUMBER DATE

PRIORITY INFORMATION: US 1996-31756 19961125 (60)

DOCUMENT TYPE: Patent

PRIMARY EXAMINER: Seaman, D. Margaret

LEGAL REPRESENTATIVE: Kellerman, James C., Roof, Carl J.

NUMBER OF CLAIMS: 27
EXEMPLARY CLAIM: 1
LINE COUNT: 2105

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

This invention involves compounds having the structure (I) as described in the claims, and enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, as well as pharmaceutical compositions comprising such noved compounds. The invention also relates to the use of such compounds for preventing or treating disorders modulated by alpha-2 adrenoceptors. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. . .

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 μ g; Fluticasone, preferably at a dosage range of from about 50 to about 400 μ g; Budesonide, preferably at a dosage range of. . .

DETD . . . 10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin 0.48%
Carboxymethylcellulose 0.53
Povidone 0.50
Methyl paraben 0.11
Propyl paraben 0.011
. . . 10 mg/ml carrier

Carrier:

DETO

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin 0.48%
Carboxymethylcellulose 0.53
Povidone 0.50
Methyl paraben 0.11
Propyl paraben 0.011

L22 ANSWER 7 OF 21 USPATFULL

Fu<u>ll-text</u>

ACCESSION NUMBER: 2000:171042 USPATFULL

TITLE:

2-imidazolinylaminoindole compounds useful as alpha-2

adrenoceptor agonists

INVENTOR(S):

Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States

Seibel, William Lee, Hamilton, OH, United States
The Procter & Gamble Company, Cincinnati, OH, United

PATENT ASSIGNEE(S): The Procter & Gamble Comp States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:

US 6162818

20001219

APPLICATION INFO.:

US 1999-290731 19990413 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. WO 1997-US20801, filed on 21

Nov 1997

NUMBER DATE

PRIORITY INFORMATION:

US 1996-31777

19961111 (60)

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER:

McKane, Joseph K. Oswecki, Jane C.

ASSISTANT EXAMINER: LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

Bott, Cynthia M., Kellerman, James C., Clark, Karen F.

42

1

LINE COUNT:

2524

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention involves compounds having the following structure: ##STR1## wherein: a) R1 is hydrogen; or alkyl; bond (a) is a single or a double bond;

- b) R2 and R3 are each independently selected from hydrogen; unsubstituted C1 -C3 alkanyl, alkenyl or alkynyl; cycloalkanyl, cycloalkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; Cl -C3 alkylamino or C1 -C3 dialkylamino and halo;
- c) R4, R5 and R6 are each independently selected from hydrogen; unsubstituted C1 -C3 alkanyl, alkenyl or alkynyl; cycloalkanyl, cycloalkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C1 -C3 alkylamino or C1 -C3 dialkylamino; halo; and 2-imidazolinylamino; and wherein one and only one of R4, R5 and R6 is 2-imidazolinylamino;
- d) R7 is selected from hydrogen; unsubstituted C1 -C3 alkanyl, alkenyl or alkynyl; cycloalkanyl, cycloalkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C1 -C3 alkylamino or C1 -C3 dialkylamino and
- e) the compound is not 4-(2-imidazolinylamino)indole;

enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, and pharmaceutical compositions comprising such novel compounds. The invention also relates to the use of such compounds for treating disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants.

DETD Steroids, preferably intranasally administered steroids, including: Beclomethasone, preferably at a dosage range of from about 84 to about 336 µg; Fluticasone, preferably at a dosage range of from about 50 to about 400 µg; Budesonide, preferably at a dosage range of.

DETD . . . Amount per tablet (mg)

Component Amount

Subject Compound 5 10 mg/ml carrier Carrier:

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin 0.48%

Carboxymethylcellulose

Povidone 0.50 Methyl paraben 0.11

DETD

Component

Propyl paraben

Amount

0.011

Carrier:

Sodium citrate buffer with (percent

by weight of carrier): Lecithin 0.48% Carboxymethylcellulose

0.53

Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

L22 ANSWER 8 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

2000:121514 USPATFULL

TITLE:

6-(2-imidazolinylamino)quinoxaline compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S):

Maurer, Peter J., Cincinnati, OH, United States Henry, Raymond T., Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States

PATENT ASSIGNEE(S):

The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

APPLICATION INFO.: US 1996-755941 19961125 (8) RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1995-496707, filed

on 29 Jun 1995, now abandoned which is a

continuation-in-part of Ser. No. US 1993-169785, filed

on 17 Dec 1993, now abandoned

DOCUMENT TYPE: Utility PRIMARY EXAMINER: Fay, Zohreh

LEGAL REPRESENTATIVE: Bott. Cynthia

Bott, Cynthia M., Kellerman, James C., Suter, David L.

NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
LINE COUNT: 1432

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The subject invention relates to methods of treating alpha-2 adenoreceptor modulated disorders, comprising administration, to a mammal in need of such treatment, of a safe and effective amount of a compound having the following structure: ##STR1## wherein: (a) R is unsubstituted C1 -C3 alkanyl or alkenyl; and

(b) R' is selected from hydrogen; unsubstituted C1 -C3 alkanyl or alkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thiol; and halo.

The subject invention also relates compounds and compositions for preventing or treating of disorders modulated by alpha-2 adrenoreceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. . .

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 μg ; Fluticasone, preferably at a dosage range of from about 50 to about 400 μg ; Budesonide, preferably at a dosage range of. . .

DETD . . . 10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin 0.48%

Carboxymethylcellulose 0.53

Povidone 0.50

Methyl paraben 0.11

Propyl paraben 0.011

DETD . . . 10 mg/ml carrier

Carrier:

Sodium citrate bufter with (percent

by weight of carrier):

Lecithin 0.48%

Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

L22 ANSWER 9 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

2000:113979 USPATFULL

TITLE:

2-imidazolinylaminobenzoxazole compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S):

Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Seibel, William Lee, Hamilton, OH, United States

PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE -----

PATENT INFORMATION:

US 6110952 20000829 WO 9823611 19980604 US 1999-308792 19990809

APPLICATION INFO.:

WO 1997-US20803 19971121

19990809 PCT 371 date

19990809 PCT 102(e) date

NUMBER DATE

PRIORITY INFORMATION:

US 1996-31787 19961125 (60)

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER:

McKane, Joseph

ASSISTANT EXAMINER:

Wright, Sonya N

LEGAL REPRESENTATIVE:

Kellerman, James C., Roof, Carl J.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

42 1

LINE COUNT:

1879

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

This invention relateds to compounds of formula I, (2-

imidazolinylamino)benzoxazoles. The compounds have been found to be alpha-2 adrenocepto agonists and are useful for treatment of disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate;

typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. .

DETD Beclomethasone, preferably at a dosage range of from about 84 to about

336 µg; Fluticasone, preferably at a dosage range of from about 50 to about 400 μ g; Budesonide, preferably at a dosage range of. . .

. . . 10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent by weight

of carrier):

Lecithin 0.48%

Carboxymethylcellulose 0.53

Povidone 0.50

Methyl paraben 0.11

Propyl paraben 0.011

. . 10 mg/ml carrier DETD

Carrier:

Sodium citrate buffer with (percent by weight of

carrier):

Lecithin 0.48%

Carboxymethylcellulose 0.53

Povidone 0.50

Methyl paraben 0.11

Propyl paraben 0.011

L22 ANSWER 10 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

2000:74321 USPATFULL

TITLE

Antifungal/steroid topical compositions

INVENTOR(S):

Quigley, Jr., John W., Foster City, CA, United States Hou, Sui Yuen Eddie, Foster City, CA, United States Chaudhuri, Bhaskar, Cupertino, CA, United States Penederm, Inc., Foster City, CA, United States (U.S.

PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE US 6075056 PATENT INFORMATION: 20000613 US 1997-943574 APPLICATION INFO.: 19971003 (8) DOCUMENT TYPE: Utility

PRIMARY EXAMINER: ASSISTANT EXAMINER:

LEGAL REPRESENTATIVE:

Dees, Jose' G. Pryor, Alton Cooley Godward LLP

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

26 1

LINE COUNT:

1047

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable topical formulations comprising an antifungal agent and an antiinflammatory steroid are disclosed, useful for treating fungal diseases and their related inflammation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . sodium phosphate, and citrates well known in the art. A preservative is generally present, for example benzyl alcohol, sodium benzoate, parabens, and the like.

SUMM Fluticasone propionate ointment, 0.005%

SUMM Fluticasone propionate cream 0.05%

SUMM Sodium benzoate is a preservative and can be replaced by or used in conjunction with benzyl alcohol or parabens, or other commonly used preservatives.

CLM What is claimed is:

> . chosen from monobasic sodium phosphate and dibasic sodium phosphate, and the preservative is chosen from benzyl alcohol, sodium benzoate and

L22 ANSWER 11 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

PATENT ASSIGNEE(S):

PATENT INFORMATION:

APPLICATION INFO.:

2000:34393 USPATFULL

TITLE:

Systemic inflammatory markers as diagnostic tools in the prevention of atherosclerotic diseases and as tools to aid in the selection of agents to be used for the prevention and treatment of atherosclerotic disease Ridker, Paul, Chestnut Hill, MA, United States

INVENTOR(S):

Hennekens, Charles H., South Natick, MA, United States The Brigham and Women's Hospital, Inc., Boston, MA,

United States (U.S. corporation)

NUMBER KIND DATE US 6040147 20000321 US 1998-54212 19980402 (9)

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER: Saunders, David

LEGAL REPRESENTATIVE: Wolf, Greenfield & Sacks, PC

NUMBER OF CLAIMS:

47 1

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

7 Drawing Figure(s); 5 Drawing Page(s)

LINE COUNT: 1501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The invention involves methods for characterizing an individual's risk profile of developing a future cardiovascular disorder by obtaining a level of the marker of systemic inflammation in the individual. The invention also involves methods for evaluating the likelihood that an individual will benefit from treatment with an agent for reducing the risk of future cardiovascular disorder.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . Fendosal; Fenpipalone; Fentiazac; Flazalone; Fluazacort; Flufenamic Acid; Flumizole; Flumisolide Acetate; Flumixin; Flumixin Meglumine; Fluocortin Butyl; Fluorometholone Acetate; Fluquazone; Flurbiprofen; Fluretofen; Fluticasone Propionate; Furaprofen; Furobufen; Halcinonide; Halobetasol Propionate; Halopredone Acetate; Ibufenac; Ibuprofen; Ibuprofen Aluminum; Ibuprofen Piconol; Ilonidap; Indomethacin; Indomethacin Sodium; Indoprofen; Indoxole; . . . The pharmaceutical compositions also may contain, optionally, suitable preservatives, such as: benzalkonium chloride; chlorobutanol; parabens

and thimerosal.

L22 ANSWER 12 OF 21 USPATFULL

Full-text

DETD

ACCESSION NUMBER: 1999:155755 USPATFULL

TITLE: Peripherally active anti-hyperalgesic opiates INVENTOR(S): Yaksh, Tony L., San Diego, CA, United States

PATENT ASSIGNEE(S): Regents of the University of California, Oakland, CA,

United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5994372 19991130 APPLICATION INFO.: US 1996-712881 19960912

APPLICATION INFO.: US 1996-712881 19960912 (8) RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1

CLATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1995-528510, filed

on 12 Sep 1995, now patented, Pat. No. US 5849761

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Spivack, Phyllis G.

LEGAL REPRESENTATIVE: Seidman, Stephanie L.Heller Ehrman White & McAuliffe

NUMBER OF CLAIMS: 29 EXEMPLARY CLAIM: 1

1

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 5274

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods using the compositions for treatment of peripheral hyperalgesia are provided. The compositions contain an anti-hyperalgesia effective amount of one or more compounds that directly or indirectly interact with peripheral opiate receptors, but that do not, upon topical or local administration, elicit substantial central nervous system effects. The anti-diarrheal compound 4-(p-chlorophenyl)-4-hydroxy-N-N-dimethyl- α, α -diphenyl-1-piperidinebutyramide hydrochloride is preferred for use in the compositions and methods.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . solution, fixed oil, polyethylene glycol, glycerine, propylene glycol or other synthetic solvent; antimicrobial agents, such as benzyl alcohol and alkyl parabens such as methyl parabens; antioxidants, such as ascorbic acid and sodium bisulfite; chelating agents, such as ethylenediaminetetraacetic acid [EDTA]; buffers, such as acetates, citrates.

DETD Other ingredients, such as preservatives, including alkyl parabens such as methyl paraben and ethyl-paraben, perfumes, dyes or the like, that are known in the art to provide desirable stability, fragrance or color, or other. :.

DETD Corticosteriods such as Alclometasone, Betamethasone, Clobetasol, Clocortrolone, Desonide, Desoximetasone, Dexamethasone, Diflorasone, Fluocinolone, Fluocinonide, Flurandrenolide, Fluticasone, Floromethalone, Halcinonide, Halobetasol, Hydrocortisone, Loteprednol, Mometasone, Prednicarbate, Prednisone, and Triamcinolone;

DETD

Weight (%)

Loperamide hydrochloride 1.75
Propylene glycol 38.5
Methyl paraben 0.30
Tween 20 (Polysorbate) 3.50
Water 29.95
(2)
White petrolatum 18.20
Stearyl alcohol 5.00
Isopropyl myristate 2.50
Liposorb S (sorbitan. . .

DETD A water-washable gel is prepared by adding Transcutol [diethylene glycol monoethyl ether] to propylene glycol, then dissolving the parabens and loperamide hydrochloride. Then water and Natrosol are added and mixed well until the mixture gels.

DETD . . . Weight %

Propylene glycol 55.00 Transcutol (diethylene glycol monoethyl ether) 5.00 Natrosol 250 HHX (hydroxyethyl cellulose) 2.00 Methyl paraben 0.18 Propyl paraben 0.02 Water 33.80

L22 ANSWER 13 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

1999:124931 USPATFULL

TITLE:

2-Imidazolinylamino heterocyclic compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S):

Maurer, Peter J., Cincinnati, OH, United States Ares, Jeffrey J., Hamilton, OH, United States Seibel, William L., Hamilton, OH, United States Walker, Daniel P., Bloomington, IN, United States Sheldon, Russell James, Fairfield, OH, United States Henry, Raymond T., Pleasant Plain, OH, United States The Procter & Gamble Company, Cincinnati, OH, United

PATENT ASSIGNEE(S):

States (U.S. corporation)

NUMBER KIND DATE PATENT INFORMATION: US 5965595 19991012 APPLICATION INFO.: US 1996-756085 19961125 (8)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 1995-478708, filed on 7 Jun 1995, now patented, Pat. No. US 5663189 which is a continuation-in-part of Ser. No. US 1993-86482,

filed on 1 Jul 1993, now abandoned

DOCUMENT TYPE:

Utility

PRIMARY EXAMINER:

.Goldberg, Jerome D.

LEGAL REPRESENTATIVE: NUMBER OF CLAIMS:

Kellerman, James C., Roof, Carl J., Suter, David L.

19 EXEMPLARY CLAIM: LINE COUNT: 1891

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The subject invention relates to compounds having the structure: ##STR1## wherein (a) n is an integer from 1 to about 3;

- (b) X and Y are each independently selected from O, S and CH2, with at least one of X and Y being O or S;
- (c) R is unsubstituted, straight or branched chain alkanyl or alkanoxy having from 1 to about 3 non-hydrogen atoms; and
- (d) R' is selected from hydrogen, methyl, cyano, and halo;

pharmaceutical compositions containing such compounds; and the use of such compounds for preventing or treating of disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants.

Beclomethasone, preferably at a dosage range of from about 84 to about DETD 336 µg; Fluticasone, preferably at a dosage range of from about 50 to about 400 µg; Budesonide, preferably at a dosage range of. . .

DETD . . Amount per tablet (mg)

Component Amount

Subject Compound 5

Carrier:

mq/ml carrier

Sodium citrate buffer with (percent

by weight of carrier): Lecithin

Carboxymethylcellulose

0.53

Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

DETD Component Amount

Subject Compound I

10

mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

by weight of carrier): Lecithin 0.48% Carboxymethylcellulose

0.53

Povidone 0.50 Methyl paraben

0.11 Propyl paraben 0.011

L22 ANSWER 14 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

1999:72592 USPATFULL

TITLE:

7-(2-imidazolinylamino)quinoline compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S):

Cupps, Thomas Lee, Oxford, OH, United States Bogdan, Sophie E., Maineville, OH, United States Henry, Raymond T., Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States The Procter & Gamble Company, Cincinnati, OH, United

PATENT ASSIGNEE(S):

States (U.S. corporation)

NUMBER KIND DATE -----

PATENT INFORMATION: APPLICATION INFO.:

US 5916900 19990629 US 1996-758118 19961125 (8)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 1995-496796, filed

on 29 Jun 1995, now patented, Pat. No. US 5716966

DOCUMENT TYPE:

PRIMARY EXAMINER:

Utility Fay, Zohreh

LEGAL REPRESENTATIVE:

Kellerman, James C., Graff, Milton B., Suter, David L.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

LINE COUNT:

1627

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention involves involves the use of compounds having the following structure: ##STR1## wherein: (a) R is unsubstituted C1 -C3 alkanyl or alkenyl; and

(b) R' is selected from hydrogen; unsubstituted C1 -C3 alkanyl or alkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thiol; cyano; and halo;

for preventing or treating of disorders modulated by alpha-2 adrenoceptors.

The subject invention also involves novel compounds and compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. .

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 μg ; Fluticasone, preferably at a dosage range of from about 50 to about 400 µg; Budesonide, preferably at a dosage range of. . .

. . . Amount per tablet (mg)

Component

Amount

Subject Compound 1 10 mg/ml carrier Carrier:

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin 0.48%

Carboxymethylcellulose

Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

For the reduction of cardiac reperfusion injury.

Component Amount

Subject Compound I

10 mg/ml carrier

Carrier:

Sodium citrate buffer with (percent

by weight of carrier):

Lecithin

Carboxymethylcellulose

0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011

L22 ANSWER 15 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

1999:69731 USPATFULL

TITLE:

2-imidazolinylamino heterocyclic compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S):

Maurer, Peter J., Cincinnati, OH, United States Ares, Jeffrey J., Hamilton, OH, United States Seibel, William L., Hamilton, OH, United States Walker, Daniel P., Bloomington, OH, United States Sheldon, Russell James, Fairfield, OH, United States Henry, Raymond T., Pleasant Plain, OH, United States The Procter & Gamble Company, Cincinnati, OH, United

PATENT ASSIGNEE(S):

States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: APPLICATION INFO.:

US 5914342 US 1998-159698

RELATED APPLN. INFO.:

Division of Ser. No. US 1996-756085, filed on 25 Nov 1996 which is a continuation-in-part of Ser. No. US 1995-478708, filed on 7 Jun 1995, now patented, Pat.

19990622

19980924 (9)

No. US 5663189 Utility

DOCUMENT TYPE:

PRIMARY EXAMINER:

Goldberg, Jerome D.

LEGAL REPRESENTATIVE:

Kellerman, James C., Roof, Carl J., Graff, Milton B.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

20 1

LINE COUNT: 1872

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The subject invention relates to compounds having the structure: ##STR1## wherein (a) n is an integer from 1 to about 3;

- (b) X and Y are each independently selected from O, S and CH2, with at least one of X and Y being O or S;
- (c) R is unsubstituted, straight or branched chain alkanyl or alkanoxy having from 1 to about 3 non-hydrogen atoms; and
- (d) R' is selected from hydrogen, methyl, cyano, and halo; pharmaceutical compositions containing such compounds; and the use of such compounds for preventing or treating of disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD

. cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants.

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 µg; Fluticasone, preferably at a dosage range of from about 50

to about 400 μg; Budesonide, preferably at a dosage range of. DETD Amount per tablet (mg)

Component

Amount

Subject Compound 5 10 mg/ml carrier Carrier: Sodium citrate buffer with (percent by weight of carrier): Lecithin 0.48% Carboxymethylcellulose Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011 Component Amount Subject Compound I 10 mg/ml carrier Sodium citrate buffer with (percent by weight of carrier): Lecithin Carboxymethylcellulose Povidone 0.50 Methyl paraben 0.11 0.011 Propyl paraben L22 ANSWER 16 OF 21 USPATFULL Full-text ACCESSION NUMBER: 1998:108418 USPATFULL 6-(2-imidazolinylamino) quinolines useful as alpha-2 TITLE: adrenoceptor agonists Cupps, Thomas Lee, Oxford, OH, United States INVENTOR(S): Maurer, Peter J., Cincinnati, OH, United States Ares, Jeffrey J., Hamilton, OH, United States Henry, Raymond T., Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Mieling, Glen E., West Chester, OH, United States Bogdan, Sophie E., Maineville, OH, United States The Procter & Gamble Company, Cincinnati, OH, United PATENT ASSIGNEE(S): States (U.S. corporation) NUMBER KIND DATE US 5804587 19980908 PATENT INFORMATION: APPLICATION INFO.: US 1996-755936 19961125 (8) Continuation-in-part of Ser. No. US 1995-496704, filed RELATED APPLN. INFO.: on 29 Jun 1995, now patented, Pat. No. US 5739148 DOCUMENT TYPE: Utility PRIMARY EXAMINER: Ramsuer, Robert W. ASSISTANT EXAMINER: Sackey, Ebenezer O. Hake, Richard A., Graff, Milton B., Suter, David L. LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: 36 EXEMPLARY CLAIM: 1 LINE COUNT: 1924 CAS INDEXING IS AVAILABLE FOR THIS PATENT. The subject invention relates to compounds having the structure: ##STR1## as defined in the claims, and to pharmaceutical compositions containing such compounds, and the use of such compounds for preventing or treating of disorders modulated by alpha-2 adrenoceptors. CAS INDEXING IS AVAILABLE FOR THIS PATENT. . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; DETD preservatives include methyl paraben and sodium benzoate. Peroral

typical wetting agents include lecithin and polysorbate 80; and typical liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants.

Steroids, Preferably intranasally administered steroids, including: Beclomethasone, preferably at a dosage range of from about 84 to about 336 μ g; Fluticasone, preferably at a dosage range of from about 50 to about 400 $\mu g ;$ Budesonide, preferably at a dosage range of. . .

DETD . . . Amount per tablet (mg)

Amount Component

Subject Compound 5 10 mg/ml carrier Carrier:

Sodium citrate buffer with (percent by weight of carrier): Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011 DETD Component Amount Subject Compound I 10 mg/ml carrier Carrier: Sodium citrate buffer with (percent by weight of carrier): Lecithin 0.48% Carboxymethylcellulose 0.53 Povidone 0.50 Methyl paraben 0.11 Propyl paraben 0.011 L22 ANSWER 17 OF 21 USPATFULL Full-text ACCESSION NUMBER: 1998:98932 USPATFULL TITLE: DHA-pharmaceutical agent conjugates of taxanes INVENTOR(S): Shashoua, Victor E., Brookline, MA, United States Swindell, Charles S., Merion, PA, United States Webb, Nigel L., Bryn Mawr, PA, United States Bradley, Matthews O., Laytonsville, MD, United States Neuromedica, Inc., Conshohocken, PA, United States PATENT ASSIGNEE(S): (U.S. corporation) NUMBER KIND DATE 19980818 PATENT INFORMATION: US 5795909 APPLICATION INFO.: US 1996-651312 19960522 (8) DOCUMENT TYPE: Utility PRIMARY EXAMINER: Jarvis, William R. A. LEGAL REPRESENTATIVE: Wolf, Greenfield & Sacks, P.C. NUMBER OF CLAIMS: 12 EXEMPLARY CLAIM: 1 NUMBER OF DRAWINGS: 27 Drawing Figure(s); 14 Drawing Page(s) LINE COUNT: 2451 CAS INDEXING IS AVAILABLE FOR THIS PATENT. The invention provides conjugates of cis-docosahexaenoic acid and AB taxanes useful in treating cell proliferative disorders. Conjugates of paclitaxel and docetaxel are preferred. CAS INDEXING IS AVAILABLE FOR THIS PATENT. DETD . . . Fendosal; Fenpipalone; Fentiazac; Flazalone; Fluazacort; Flufenamic Acid; Flumizole; Flunisolide Acetate; Flunixin; Flunixin Meglumine; Fluocortin Butyl; Fluorometholone Acetate; Fluquazone; Flurbiprofen; Fluretofen; Fluticasone Propionate; Furaprofen; Furobufen; Halcinonide; Halobetasol Propionate; Halopredone Acetate; Ibufenac; Ibuprofen; Ibuprofen Aluminum; Ibuprofen Piconol; Ilonidap; Indomethacin; Indomethacin Sodium; Indoprofen; Indoxole; . . DETD . . . flosatidil; fluasterone; fluconazole; fludarabine; flumazenil; flumecinol; flumequine; flunarizine; fluocalcitriol; fluorodaunorunicin hydrochloride; fluoxetine, R-; fluoxetine, S-; fluparoxan; flupirtine; flurbiprofen axetil; flurithromycin; fluticasone propionate; flutrimazole; fluvastatin; fluvoxamine; forasartan; forfenimex; formestane; formoterol; formoterol, R,R-; fosfomycin; trometamol; fosinopril; fosphenytoin; fostriecin; fotemustine; gabapentin; gadobenic acid; qadobutrol;. DETD Suitable preservatives include benzalkonium chloride (0.003-0.03% W/V); chlorobutanol (0.3-0.9% W/V); parabens (0.01-0.25% W/V) and thimerosal (0.004-0.02% W/V). L22 ANSWER 18 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 1998:19697 USPATFULL

Rectal flunisolide compositions for treating TITLE:

inflammatory intestinal disorders

INVENTOR(S): Bernareggi, Virgilio, Cologno Monzese, Italy

Fano, Maurizio, Bresso, Italy

Gagnoni, Alessandro, Milan, Italy

PATENT ASSIGNEE(S): Valeas S.p.A. Industria Chimica E Farmaceutica, Milan,

Italy (non-U.S. corporation)

> 19950517 PCT 371 date 19950517 PCT 102(e) date

NUMBER DATE

PRIORITY INFORMATION: IT 1992-MI2657 19921120

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Henley, III, Raymond LEGAL REPRESENTATIVE: Kenyon & Kenyon

NUMBER OF CLAIMS: 12 EXEMPLARY CLAIM: 1 LINE COUNT: 382

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topical rectal therapeutic composition containing, as the active ingredient, flunisolide and/or one or more ester derivatives of same, in combination with suitable excipients and/or diluents, for the treatment of inflammatory intestinal disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . be attributable to its rapid metabolic inactivation in the liver. Nevertheless it gives no indication of the absorption levels of **fluticasone** and its noxious effects, and there is no suggestion that it would be of use in treating inflammatory intestinal disorders.

SUMM . . . 0-5 to 10 mg each, more preferably from 1 to 5 mg each, and generally containing preservatives, preferably selected among Parabens, chelating agents, such as for example ethylenediaminetetraacetic acid or the relative sodium salt. Should said enemas be emulsions or suspensions, . . .

SUMM preservatives, such as Parabens--also used for enemas;

L22 ANSWER 19 OF 21 USPATFULL

Full-text

ACCESSION NUMBER: 1998:14813 USPATFULL

TITLE: 7-(2-imidazolinylamino)quinoline compounds useful as

alpha-2 adrenoceptor agonists

INVENTOR(S): Cupps, Thomas Lee, Oxford, OH, United States

Bogdan, Sophie Eva, Mainville, OH, United States

PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-292672, filed

on 18 Aug 1994, now abandoned which is a

continuation-in-part of Ser. No. US 1993-169342, filed

on 17 Dec 1993, now abandoned

DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Fay, Zohreh

LEGAL REPRESENTATIVE: Hake, Richard A., Graff, Milton B.

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1 LINE COUNT: 1251

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention involves methods of treating nasal congestion comprising administration, to a human or lower animal in need of such treatment of a safe and effective amount of a compound having the following structure: ##STR1## wherein: (a) R is unsubstituted C1 -C3 alkanyl or alkenyl; and

(b) R' is selected from hydrogen; unsubstituted C1 -C3 alkanyl

or alkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thiol; cyano; and halo.

The subject invention also involves the use of such compounds for preventing or treating other respiratory, ocular and/or gastrointestinal disorders. The subject invention also involves novel compounds having the above structure wherein R' is hydrogen or fluoro or cyano.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Amount/15 mL Dose

DETD . . . cellulose, Avicel® RC-591, tragacanth and sodium alginate; typical wetting agents include lecithin and polysorbate 80; and typical preservatives include methyl paraben and sodium benzoate. Peroral liquid compositions may also contain one or more components such as sweeteners, flavoring agents and colorants. . .

DETD Beclomethasone, preferably at a dosage range of from about 84 to about 336 ug; Fluticasone, preferably at a dosage range of from about 50 to about 400 ug; Budesonide, preferably at a dosage range of. . .

DETD Ingredient

Subject Compound 4 30 Sucrose 8.16 q Glycerin 300 mq Sorbitol 300 mq Methyl paraben 19.5 mg Propylparaben 4.5 mq Menthol 22.5 mg Eucalyptus oil 7.5 ma Flavorants 0.07 mL FD & C Red #40 dye 3.0 mg Sodium saccharin 30.

L22 ANSWER 20 OF 21 USPATFULL

Full-text

ACCESSION NUMBER:

97:109926 USPATFULL

TITLE:

5-(2-imidazolinylamino)benzimidazole compounds useful

as alpha-2-adrenoceptor agonists

INVENTOR(S):

Cupps, Thomas Lee, Oxford, OH, United States

Bogdan, Sophie Eva, Maineville, OH, United States The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: APPLICATION INFO.:

PATENT ASSIGNEE(S):

US 5691370 19971125 US 1996-675745 19960703 (8)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1995-496706, filed on 29 Jun 1995, now patented, Pat. No. US 5541210 which is a continuation-in-part of Ser. No. US 1994-349558, filed on 8 Dec 1994, now patented, Pat. No. US 5478858 which is a continuation-in-part of Ser. No. US 1993-169868,

filed on 17 Dec 1993, now abandoned

DOCUMENT TYPE:

PRIMARY EXAMINER:

Jordan, Kimberly

Utility

LEGAL REPRESENTATIVE: Hake, Richard A., Graff, IV, Milton B., Suter, David L.

NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1

LINE COUNT: 121'9

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention involves compounds having the following structure: ##STR1## wherein: (a) R is unsubstituted C1 -C3 alkanyl or alkenyl;

- (b) R' is selected from hydrogen; unsubstituted C1 -C3 alkanyl or alkenyl; unsubstituted C1 -C3 alkylthio or alkoxy; hydroxy; thiol; cyano; and halo; and
- (c) R" is selected from hydrogen, methyl, ethyl and i-propyl.

The subject invention also involves pharmaceutical compositions containing such novel compounds, compositions thereof and the use of such compounds for preventing or treating respiratory, ocular and/or gastrointestinal disorders.